



fire



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Computational Insights into Fire Safety: Modelling, Simulation, and Innovative Solutions

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Deadline for manuscript submissions:

18 October 2024

Message from the Guest Editors

In this Special Issue, we aim to bring together cutting-edge research that uses computational approaches to address various aspects of fire safety. From Computational Fluid Dynamics (CFD) modelling of fire events and hazard scenarios to the development and evaluation of fire-retardant materials using Molecular Dynamics (MD), we aim to collect diverse contributions that advance the field. By harnessing the power of simulation, modelling techniques and data-driven approaches, we can gain valuable insights into fire behaviour, fire dynamics and the effectiveness of fire safety measures.



mdpi.com/si/176637

Special Issue